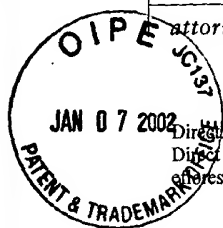


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November 1, 2001

Office of Initial Patent Examination's
Customer Service Center
Commissioner for Patents
Washington, D.C. 20231

Re: Inventors: David G. Gorenstein, Bruce A. Luxon, Norbert Herzog and Judy Aronson
Patent Application Entitled: THIO-MODIFIED APTAMER SYNTHETIC METHODS AND COMPOSITIONS
Application Serial No.: 09/425,804
Filing Date: October 25, 1999
Our File No.: 122144-1001

Dear Sir:

We are responding to Notice to Comply with Sequence Rules substitute under CFR 1.827. We are submitting the following:

1. Substitute disk containing sequence listing;
2. Hard copy of sequence listing;
3. Substitute Sequence Listing reply; and
4. Postcard.

If you need anything further, please do not hesitate to contact me.

Sincerely,

Edwin S. Flores

Enclosure

DALLAS 1072414v1

GARDERE WYNNE SEWELL LLP

3000 Thanksgiving Tower, 1601 Elm Street, Dallas, Texas 75201-4761 ■ 214.999.3000 Phone ■ 214.999.4667 Fax

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Attorney Docket No.: 122144-1001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: David G. Gorenstein, Bruce A. Luxon, Norbert Herzog,
Judy Aronson.

SERIAL NO.: 09/425,804

FILED: October 25, 1999

ART UNIT: 1627

EXAMINER: Tahira Bhatti

FOR: THIO-MODIFIED APTAMER SYNTHETIC METHODS AND COMPOSITIONS

Box: Sequence
Assistant Commissioner
for Patents
Washington, D.C. 20231

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on November 1, 2001.

Paula Albelda Nudelman
Signature

Paula Albelda Nudelman
Typed or printed name of person signing certificate

SUBSTITUTE SEQUENCE LISTING

Dear Sir:

Attached please find a hard copy of a Substitute Sequence Listing along with a substitute diskette containing a Sequence Listing in computer readable form in ASCII-DOS format in accordance with the requirements of 37 C.F.R. 1.824.

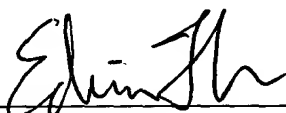
REMARKS

A diskette with a Sequence Listing in ASCII-DOS format is attached and consideration of the application is requested. The content of this Substitute Sequence Listing and the computer readable copy are the same as required by 37 C.F.R. 1.821(f). No new matter is incorporated in the specification by this amendment.

For the foregoing reasons, the Substitute Sequence Listing is submitted to be in order, and complies with the Sequence Rules 37 C.F.R. 1.821 - 1.825.

Dated this 1st day of November, 2001.

Respectfully submitted,



Edwin S. Flores
Attorney for Applicants
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Dallas, TX 75201
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